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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------------------------------------------|-------------|----------------------|-------------------------|------------------|
| 10/643,026 | 08/18/2003 | Steven Vanhamel | ATMI-624 | 3218 |
| 25559 | 7590 | 07/27/2006 | EXAMINER | |
| ATMI, INC. 7 COMMERCE DRIVE DANBURY, CT 06810 | | | BRUENJES, CHRISTOPHER P | |
| | | | ART UNIT | PAPER NUMBER |
| | | | 1772 | |
| DATE MAILED: 07/27/2006 | | | | |

Please find below and/or attached an Office communication concerning this application or proceeding.

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|-----------------------------------------------------------------------|--------------------------------------------|----------------------------------------|--|
| Advisory Action Before the Filing of an Appeal Brief | Application No. 10/643,026 | Applicant(s) VANHAMEL ET AL. | |
| | Examiner Christopher P. Bruenjes | Art Unit 1772 | |

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 12 July 2006 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1. ☒ The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

- a) ☐ The period for reply expires _____ months from the mailing date of the final rejection.
 b) ☒ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. ☐ The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3. ☒ The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because
 (a) ☒ They raise new issues that would require further consideration and/or search (see NOTE below);
 (b) ☒ They raise the issue of new matter (see NOTE below);
 (c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
 (d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: see continuation sheet. (See 37 CFR 1.116 and 41.33(a)).


4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).
 5. ☐ Applicant's reply has overcome the following rejection(s): _____.
 6. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
 7. ☒ For purposes of appeal, the proposed amendment(s): a) ☒ will not be entered, or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.
 The status of the claim(s) is (or will be) as follows:
 Claim(s) allowed: none.
 Claim(s) objected to: none.
 Claim(s) rejected: 1-11, 14, 18-31, 34, 37-49, 80, 82-84, 86 and 87.
 Claim(s) withdrawn from consideration: 50-79.

AFFIDAVIT OR OTHER EVIDENCE

8. ☐ The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).
 9. ☐ The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing a good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).
 10. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

11. ☐ The request for reconsideration has been considered but does NOT place the application in condition for allowance because: _____.
 12. ☐ Note the attached Information Disclosure Statement(s). (PTO/SB/08 or PTO-1449) Paper No(s). _____
 13. ☐ Other: _____.


JENNIFER C. MCNEIL
 SUPERVISORY PATENT EXAMINER
 7/21/06

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ADVISORY ACTION

Acknowledgment of Applicant's Amendments

1. The amendments made in claims 1 and 22 in the Paper filed July 12, 2006 have not been entered due to the fact they raise an issue of new matter or they raise new issues. Regarding the new matter issue, there is not suggestion in the originally filed application that the gland used as the pressurization gas inlet is "adapted to prevent gas leakage". The specification does not define gland and the gland is presented as performing the same intent as a spout, which is not adapted to prevent gas leakage. Furthermore, gland is a broader term than a gland specifically adapted to prevent gas leakage. The definition of a gland as presented by the applicant in the remarks is a device for preventing leakage of fluid, which incorporates liquids as well as gases. Also, the definition provided from Wikipedia.org specifically teaches that the gland is used to prevent water ingress, which does not suggest prevent gas leakage.

If the amendments were found not to be new matter, then the amendments would still not be entered because the amendments would raise new issues that would require further consideration and/or search. In this case, adding the limitation that the gland is "adapted to prevent gas leakage" limits the type of

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gland used and would require further consideration and/or search to determine if the more narrowly defined gland in combination with the other limitations of the claims would overcome the prior art.

ANSWERS TO APPLICANT'S ARGUMENTS

2. Applicant's arguments have not been considered because they are directed toward the amendments that have not been entered in the case and therefore, the arguments are not commensurate in scope with the pending claims.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christopher P. Bruenjes whose telephone number is 571-272-1489. The examiner can normally be reached on Monday thru Friday from 8:00am-4:30pm.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Harold Pyon can be reached on 571-272-1498. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Christopher P Bruenjes
Examiner
Art Unit 1772

CPB
CPB
July 20, 2006


JENNIFER C. MCNEIL
SUPERVISORY PATENT EXAMINER
7/21/06